

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A method of controlling a mobile communications system which comprises a control plane controller and a plurality of user plane controllers, comprising:

reporting status information of said plurality of user plane controllers to said control plane controller; and

causing said control plane controller to store said status information in a memory,

wherein the status information includes traffic information within said plurality of user plane controllers.

2. (previously presented): The method of controlling a mobile communications system according to claim 1,

further comprising physically separating said plurality of user plane controllers from said control plane controller.

3. (canceled).

4. (previously presented): The method of controlling a mobile communications system according to claim 1, further comprising, including with said status information bandwidth information of a channel directed to the outside from said plurality of user plane controllers.

5. (previously presented): The method of controlling a mobile communications system according to claim 1, further comprising, including with said status information alarm information detected in said plurality of user plane controllers.

6. (previously presented): The method of controlling a mobile communications system according to claim 1, further comprising, reporting from said plurality of user plane controllers said status information to said control plane controller upon receipt of a request for transmitting said status information from said control plane controller.

7. (previously presented): The method of controlling a mobile communications system according to claim 1, further comprising, reporting from said plurality of user plane controllers said status information to said control plane controller at a fixed period.

8. (previously presented): The method of controlling a mobile communications system according to claim 1, further comprising, reporting from said plurality of user plane controllers

said status information to said control plane controller if a change is found in said status information.

9. (previously presented): A method of controlling a mobile communications system which comprises a control plane controller, a first and a second user plane controllers, a first radio base station belonging to said first user plane controller, and a second radio base station belonging to said second user plane controller, comprising:

reporting from said first user plane controller first status information of said first user plane controller to said control plane controller;

reporting from said second user plane controller second status information of said second user plane controller to said control plane controller;

causing said control plane controller to store said first status information and said second status information in a memory, and

when user equipment located in a first area of said first radio base station having a first link to said first user plane controller moves to a second area of said second radio base station, reading out from said control plane controller said second status information from said memory; and

determining at said control plane controller, based on said second status information, whether or not a second radio link can be added at said second user plane controller.

10. (previously presented): The method of controlling a mobile communications system according to claim 9, further comprising:

instructing from said control plane controller said second user plane controller through said first user plane controller to add said second radio link to said second radio base station.

11. (previously presented): A method of controlling a mobile communications system which comprises a plurality of control plane controllers and a user plane controller, comprising:

reporting from said user plane controller status information of said user plane controller to said plurality of control plane controllers; and

storing at said plurality of control plane controllers said status information in a memory of each of said plurality of control plane controllers.

12. (currently amended): A mobile communications system comprising:

a plurality of user plane controllers, for reporting status information of said plurality of user plane controllers to a control plane controller, and

a control plane controller for storing said status information in a memory,

wherein the status information includes traffic information within said plurality of user plane controllers.

13. (previously presented): The mobile communications system according to claim 12,
wherein said plurality of user plane controllers are physically separated from said control plane controller.
14. (canceled).
15. (previously presented): The mobile communications system according to claim 12,
wherein said status information includes bandwidth information of a channel directed to the outside from said plurality of user plane controllers.
16. (previously presented): The mobile communications system according to claim 12,
wherein said status information includes alarm information detected in said plurality of user plane controllers.
17. (previously presented): The mobile communications system according to claim 12,
wherein said plurality of user plane controllers further includes means for reporting said status information to said control plane controller upon receipt of a request for transmitting said status information from said control plane controller.

18. (previously presented): The mobile communications system according to claim 12,
wherein said plurality of user plane controllers further includes means for reporting said
status information to said control plane controller at a fixed period.
19. (previously presented): The mobile communications system according to claim 12,
wherein said plurality of user plane controllers further includes means for reporting said
status information to said control plane controller if a change is found in said status information.
20. (previously presented): The mobile communications system according to claim 12,
further comprising:
user equipment.
21. (previously presented): A mobile communication system comprising:
a control plane controller for storing first status information and second status
information in a memory;
a first user plane controller for reporting a first status information of said first user plane
controller to said control plane controller;
a second user plane controller for reporting a second status information of said second
user plane controller to said control plane controller;

a first radio base station that belongs to said first user plane controller; and

a second radio base station that belongs to said second user plane controller;

wherein said control plane controller stores said ,

said control plane controller including means for reading out said second status information from said memory, when user equipment located in a first area of said first radio base station having a first link to said first user plane controller moves to a second area of said second radio base station, and

said control plane controller including means for determining based on said second status information, whether or not a second radio link can be added at said second user plane controller.

22. (previously presented): The mobile communications system according to claim 21,

wherein said control plane controller includes means for instructing said second user plane controller through said first user plane controller to add said second radio link to said second radio base station.

23. (previously presented): A mobile communications system comprising:

a plurality of control plane controllers for storing status information in a memory; and

a user plane controller for reporting status information of said user plane controller to said plurality of control plane controllers.

24. (previously presented): The mobile communications system according to claim 23, comprising:

user equipment.

25. (previously presented): The radio access network according to claim 14, including means for operating said control plane controller when user equipment located in an area of a first radio base station having a radio link established between said first radio base station and a first user plane controller subordinate to said control plane controller moves to an area of a second radio base station, said second radio base station belonging to second user plane controller subordinate to another control plane controller, to refer to this other control plane controller for status information of said second user plane controller, and determining based on the status information of said second user plane controller that is received from this other control plane controller whether or not a radio link can be added at said second user plane controller.

26. (previously presented): The radio access network according to claim 25, wherein said control plane controller includes means for instructing said second user plane controller through said first user plane controller to add a radio link between said second user plane controller and said second radio base station when said control plane controller determines that a radio link can be added at said second user plane controller.